

In the Claims:

Please cancel claims 1-4, 12, 14-15, 23, and 31. Please amend claims 5-9, 13, 16-20, 24, 26-30, and 32-34. The claims are as follows:

1-4. (Canceled)

5. (Currently amended) The method of claim [[4]] 8, wherein the N modules retrieve the N rule sets based on a report identifier that denotes a spreadsheet type.

6. (Currently amended) The method of claim [[4]] 8, further comprising returning the rule sets R_1, R_2, \dots, R_N to the control program by the N modules, wherein executing the control program includes performing by the control program the functions F_1, F_2, \dots, F_N based on the rule sets R_1, R_2, \dots, R_N , respectively.

7. (Currently amended) The method of claim [[4]] 8, wherein invoking the N modules M_1, M_2, \dots, M_N includes performing by the modules M_1, M_2, \dots, M_N the functions F_1, F_2, \dots, F_N based on rule sets R_1, R_2, \dots, R_N , respectively.

8. (Currently amended) A method for generating a custom spreadsheet, said method implemented by execution of a control program on a processor of a computer system, said method comprising transforming a portion of a database into the custom spreadsheet, ~~said method comprising transforming a portion of a database into the custom spreadsheet~~, wherein the transforming

includes determining selected from the group consisting of determining whether to omit in the custom spreadsheet a column that is in the portion, determining whether to add to the custom spreadsheet a column that is not in the portion, and combinations thereof, wherein the transforming includes performing N functions F_1, F_2, \dots, F_N based on N rule sets R_1, R_2, \dots, R_N , respectively, wherein N is at least 1, wherein the transforming includes executing a control program, wherein executing the control program includes invoking N software modules M_1, M_2, \dots, M_N which respectively retrieve the rule sets R_1, R_2, \dots, R_N , wherein the database is a LOTUS DOMINO database, wherein each module is a LOTUS script, and wherein the custom spreadsheet is a LOTUS 1-2-3 spreadsheet.

9. (Currently amended) The method of claim [[3]] 10, wherein the N rule sets include at least one of range formatting rules, column title rules, report header rules, report footer rules, totaling rules, translation rules, translation rules, calculation rules, sheet rules, report naming rules, and report placement rules.

10. (Previously presented) A method for generating a custom spreadsheet, said method implemented by execution of a control program on a processor of a computer system, said method comprising transforming a portion of a database into the custom spreadsheet, wherein the transforming includes determining selected from the group consisting of determining whether to omit in the custom spreadsheet a column that is in the portion, determining whether to add to the custom spreadsheet a column that is not in the portion, and combinations thereof wherein the transforming includes performing N functions F_1, F_2, \dots, F_N based on N rule sets R_1, R_2, \dots, R_N ,

respectively, wherein N is at least 1, wherein the custom spreadsheet comprises a plurality of sheets and wherein a first rule set of the N rule sets includes an integrative rule set that cuts across at least two sheets of the plurality of sheets.

11. (Canceled)

12. (Canceled)

13. (Currently amended) The computer system of claim [[12]] 21, wherein the portion of the database consists of a view of the database, and wherein the view of the database includes data of the database and is represented in the form of a table but does not actually exist as a table of the database.

14-15. (Canceled)

16. (Currently amended) The computer system of claim [[15]] 19, wherein the N modules retrieve the N rule sets based on a report identifier that denotes a spreadsheet type.

17. (Currently amended) The computer system of claim [[15]] 19, wherein the software control program is further adapted to return the rule sets R_1, R_2, \dots, R_N to the control program by the N modules, wherein to execute the control program includes to perform by the control program the functions F_1, F_2, \dots, F_N based on the rule sets R_1, R_2, \dots, R_N , respectively.

10/040,818

4

18. (Currently amended) The computer system of claim [[15]] 19, wherein to invoking the N modules M_1, M_2, \dots, M_N includes to performing by the modules M_1, M_2, \dots, M_N the functions F_1, F_2, \dots, F_N based on rule sets R_1, R_2, \dots, R_N , respectively.

19. (Currently amended) A computer system for generating a custom spreadsheet, said computer system comprising software adapted to transform a portion of a database into the custom spreadsheet, wherein to transform includes to determine selected from the group consisting of to determine whether to omit in the custom spreadsheet a column that is in the portion, to determine whether to add to the custom spreadsheet a column that is not in the portion, and combinations thereof, wherein to transform includes to perform N functions F_1, F_2, \dots, F_N based on N rule sets R_1, R_2, \dots, R_N , respectively, wherein N is at least 1, wherein to transform includes to execute a control program, wherein to execute the control program includes to invoke N software modules M_1, M_2, \dots, M_N which respectively retrieve the N rule sets R_1, R_2, \dots, R_N , wherein the database is a LOTUS DOMINO database, wherein each script is a LOTUS script, and wherein the custom spreadsheet is a LOTUS 1-2-3 spreadsheet.

20. (Currently amended) The computer system of claim [[14]] 21, wherein the N rule sets include at least one of range formatting rules, column title rules, report header rules, report footer rules, totaling rules, translation rules, calculation rules, sheet rules, report naming rules, and report placement rules.

21. (Previously presented) A computer system for generating a custom spreadsheet, said

computer system comprising software adapted to transform a portion of a database into the custom spreadsheet, wherein to transform includes to determine selected from the group consisting of to determine whether to omit in the custom spreadsheet a column that is in the portion, to determine whether to add to the custom spreadsheet a column that is not in the portion, and combinations thereof, wherein to transform includes to perform N functions F_1, F_2, \dots, F_N based on N rule sets R_1, R_2, \dots, R_N , respectively, wherein N is at least 1, wherein the custom spreadsheet comprises a plurality of sheets and wherein a first rule of the N rules includes an integrative rule that cuts across at least two sheets of the plurality of sheets.

22. (Canceled)

23. (Canceled)

24. (Currently amended) The computer program product of claim [[23]] 25, wherein the control program software is a computer executable program that functions as a background process within an operating system environment of the computer system and is executed concurrent with, and independent of, other software execution that is occurring within the operating system environment.

25. (Previously presented) A computer program product, comprising a computer usable medium having a computer readable code embodied therein, said computer readable code including software adapted to transform a portion of a database into a custom spreadsheet, wherein to

10/040,818

6

transform includes to determine selected from the group consisting of to determine whether to omit in the custom spreadsheet a column that is in the portion, to determine whether to add to the custom spreadsheet a column that is not in the portion, and combinations thereof, wherein to transform includes to perform N functions F_1, F_2, \dots, F_N based on N rule sets R_1, R_2, \dots, R_N , respectively, wherein N is at least 1, wherein the custom spreadsheet comprises a plurality of sheets and wherein a first rule of the N rules includes an integrative rule that cuts across at least two sheets of the plurality of sheets.

26. (Currently amended) The method of claim [[1]] §, wherein the control program is a computer executable program that functions as a background process within an operating system environment of the computer system and is executed concurrent with, and independent of, other software execution that is occurring within the operating system environment.

27. (Currently amended) The method of claim [[1]] §, wherein the control program is a computer executable program that functions as a foreground process within an operating system environment of the computer system.

28. (Currently amended) The method of claim [[3]] §, wherein N is at least 2.

29. (Currently amended) The method of claim [[4]] §, wherein M_1 comprises object code.

30. (Currently amended) The method of claim [[4]] §, wherein M_1 comprises source code that

must be interpreted in order to be executed.

31. (Canceled)

32. (Currently amended) The computer system of claim [[14]] 21, wherein N is at least 2.

33. (Currently amended) The computer system of claim [[15]] 19, wherein M₁ comprises object code.

34. (Currently amended) The computer system of claim [[15]] 19, wherein M₁ comprises source code that must be interpreted in order to be executed.